SUBJECT CODES (2017-18 ONWARDS)

FOR

 $\textbf{B.A., B.Com, B.Sc} \; (\textbf{V \& VI SEMESTER})$

&

B.Sc SOFTWARE ENGINEERING (III & IV SEMESTER)

B.A. Arabic

(Choice Based Credit System)

Sem	Sl. No	Subject status	Subject Title	Subject Code
V	1.	Core	Grammar V	SMAB51
	2.	Core	Applied Grammar	SMAB52
	3.	Core	Classical Poetry	SMAB53
	4.	Core	Letter Writing in Arabic	SMAB54
	5.	Major Elective I	Translation Skills and	SEAB5A
	٦.		Essays in Arabic	
	6.	Major Elective	Computer Literacy with	SEAB5B
	0. II		Arabic	SEADJD
	7.	Skilled	Personality Development	SCSB5A
	/.	Based Common	Effective Communication	SCSB5B
		(Any one)	Youth Leadership	SCSB5C

Sem	No	Subject	Subject Title	Subject Code
VI	1.	Core	Grammar VI & Rhetoric II	SMAB61
	2.	Core	Classical and Modern Prose	SMAB62
	3.	Core	Modern Poetry	SMAB63
	4.	Core	History of Arabs II	SMAB64
	5.	Major Elective III	History of Arabic Literature	SEAB6A
	6.	Project	Major Elective / Project	SMAB6P

UG COURESES – AFFILIATED COLLEGES **B.A. Tamil**

(Choice Based Credit System)
(with effect from the academic year 2017-2018)

Sem	Sl. No.	Sub Status	Sub Title	Subject Code
	1	Core	,yf;fzk; - mfg;nghUs;	SMTA51
	2	Core	fhg;gpa ,yf;fpak;	SMTA52
	3	Core	,yf;fpa tuyhW I	SMTA53
	4	Core	jkpof tuyhWk; gz;ghLk; I	SMTA54
\mathbf{v}	5	Major	njhy;ypay;	SETA5A
V		Elective I	ftpd; fiyfs;	SETA5B
		(Any one)		
		Skill Based	Personality Development	SCSB5A
	6	Common	Effective Communication	SCSB5B
		(Any one)	Youth Leadership	SCSB5C
	7	Mini Project	fs Ma;T	SMTA5P

Sem	Sub No.	Sub Status	Sub Title	Subject Code
	1	Core	,yf;fzk; - Gwg;nghUs;	SMTA61
	2	Core	rka ,yffpak;	SMTA62
	3	Core	,yf;fpa tuyhW II	SMTA63
VI	4	Core	jkpof tuyhWk; gz;ghLk; II	SMTA64
	5	Core	,yf;fpaj;jpwdha;T	SMTA65
	6	Major Elective II (Any One)	gaz ,yf;fpak;	SETA6A
		(Ally Olle)	jd;tuyhw;wpay;	SETA6B

B.A. English

(Choice Based Credit System)

Sem	Sl.	Subject	SUBJECT TITLE	Subject Code
	No	Status		
	1	Core	NON - FICTION	SMEN51
	2	Core	LITERARY CRITICS AND APPROACHES	SMEN52
	3	Core	WORLD LITERATURE IN TRANSLATION	SMEN53
	4	Core	CANADIAN LITERATURE	SMEN54
		Major	WOMEN'S WRITING	SEEN5A
V		Electives	JOURNALISM AND MASS	SEEN5B
•	5	(select 2	COMMUNICATION	
	&	out of 3	CREATIVE WRITING IN ENGLISH	SEEN5C
	6	Papers)		
	7	Skilled-	PERSONALITY DEVELOPMENT	SCSB5A
		Based	EFFECTIVE COMMUNICATION	SCSB5B
		Subject-	YOUTH LEADERSHIP	SCSB5C
		(Common)		
		Any One		

Sem	Sl.	Subject	SUBJECT TITLE	Sub Code
	No	Status		
	1	Core	Shakespeare	SMEN61
	2	Core	South-Asian Literature in English	SMEN62
	3	Core	Short-Stories and One-Act Plays	SMEN63
VI	4	Core	Regional Literature in English	SMEN64
	5	Major	African Literature	SEEN6A
	&	Electives	Writing for Media	SEEN6B
	6	(Select 2	Comparative Literature	SEEN6C
		out of 3	_	
		Papers)		

B. A. Criminology & Police Administration

Choice based Credit System

	Sl.	Subject		Subject Code
Sem	No.	Status	Subject Title	
V	1	Core	Police Investigation	SMPC51
•	2	Core	Outdoor Training I	SMPC52
	3	Major	Social Work in Criminal	SEPC5A
		Elective – I	Justice	
	4	Major	Crowd control and Riot	SEPC5B
		Elective – II	Management	
	5	Skilled	Personality Development	SCSB5A
		Based	Effective Communication	SCSB5B
		Common		SCSB5C
		(Any One)	Youth Leadership	
VI	1	Core	Indian Constitution & Criminal Justice	SMPC61
	2	Core	Outdoor Training II (Advanced)	SMPC62
	3	Core	Police Station Management	SMPC63
	4	Core	Local and Special Laws	SMPC64
	5	Major	Victim and Offender	SEPC6A
		Elective - III	Rights	

MANONMANIAM SUNDARANAR UNIVERSITY, TIRUNELVELI UG COURSE – AFFILIATED COLLEGES

B.A. ECONOMICS

(Choice Based Credit System)
(with effect from the academic year 2017-2018 onwards)

V Semester

Sem	Sl.No	Subject	Subject	Subject
		Status		Code
V	1	Core	Macro Economics I	SMEC51
	2	Core	Public Finance I	SMEC52
	3	Core	Money and Banking I	SMEC53
	4	Core	Indian Economy I	SMEC54
	5	Major Elective I	Labour Economics	SEEC5A
	6	Skilled based Common I	Personality Development	SCSB5A
		(Any One)	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	7	Mini Project	Mini Project I	SMEC5P

VI Semester

Sem	Sl.No.	Subject	Subject	Subject
		Status		Code
VI	1	Core	Macro Economics II	SMEC61
	2	Core	Public Finance II	SMEC62
	3	Core	Money and Banking II	SMEC63
	4	Core	Indian Economy II	SMEC64
	5	Major Elective II	Planning and Growth	SEEC6A
	6	Major Project	Major Project I	SMEC6P

B.A. History (with effect from the Academic year 2017-2018 onwards)

Sem	Sl.No.	Subject Status	Subject	Subject Code
V	1	Core	Elements of Historiography	SMHI51
	2	Core	History of Europe (1453-1789 A.D)	SMHI52
	3	Core	History of China (1839-1966 A.D)	SMHI53
	4	Core	Indian Public Administration	SMHI54
	5	Major Elective 1	Constitutional History of India(1773-1947)	SEHI5A
	6	Major Elective 2	Panchayat Raj in India	SEHI5B
	7	Skill Based	Personality Development	SCSB5A
		Common (Any one)	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C

Sem	Sl.No.	Subject Status	Subject	Subject Code
VI	1	Core	History of Europe (1789-1945 A.D)	SMHI61
	2	Core	History of Science and Technology Since 17 th Century	SMHI62
	3	Core	History of India since 1947	SMHI63
	4	Core	Women's Studies	SMHI64
	5	Major Elective 3	Epigraphy	SEHI6A
	6	Project	Project	SMHI6P

B.A Tourism and Hospitality Management (CBCS)

(With effect from the Academic Year 2017 – 2018 Onwards)

Sem	Sl. No.	Subject Status	Subject Title	Sub Code
	1	Core	Tourism Product of India	SMTO51
	2	Core	International Airlines Management	SMTO52
	3	Core	Economics of Tourism	SMTO53
	4	Core	Eco Tourism	SMTO54
V	5	Major Elective-I	Methodology of Research in Tourism	SETO5A
	6	Major Elective-II	Travel Agency Management	SETO5B
	7	Skilled Based	Personality Development	SCSB5A
		subject	Effective Communication	SCSB5B
		(Common) (Any One)	Youth Leadership	SCSB5C
VI	1	Core	Air Cargo Management	SMTO61
	2	Core	Air Travel, Ticketing and Fare Construction	SMTO62
	3	Core	House Keeping Management	SMTO63
	4	Core	Tourism Accounting	SMTO64
	5	Major Elective III	Human Resource Management In Tourism	SETO6A
	6	Project	Project	SMTO6P

B.A. History (Vocational) Tourism

(Choice Based Credit System)

Sem	Sl. No.	Subject Status	Subject	Sub Code
	1	Core	History Of India (C. 1750s – 1970s)	SMHT51
	2	Core	Cultural History of South India - I	SMHT52
	3	Core	Economics of Tourism	SMHT53
	4	Core	Eco Tourism	SMHT54
V	5	Major Elective-I	Elements of Historiography	SEHT5A
	6	Major Elective-II	Travel Agency Management	SEHT5B
	7	Skilled Based	Personality Development	SCSB5A
		subject	Effective Communication	SCSB5B
		(Common) (Any One)	Youth Leadership	SCSB5C
VI	1	Core	Social History of India	SMHT61
	2	Core	Cultural History of South India - II	SMHT62
	3	Core	Art And Architecture In India (South India)	SMHT63
	4	Core	Art And Architecture In India (North India)	SMHT64
	5	Major Elective III	Tourism Policy and Planning	SEHT6A
	6	Project	Project	SMHT6P

B.A., Journalism and Mass Communication (CBCS) (Effective from the academic year (2017-2018)

Sem	No.	Subject Status	Subject Title	Sub Code
V	1	Core	Indian Constitution and Media Laws	SMJM51
·	2	Core	Media Culture and Society	SMJM52
	3	Core	Radio Journalism	SMJM53
	4	Core	Tamil Journalism	SMJM54
	5	Major Elective	Online Journalism	SEJM5A
		- I	Magazine Journalism	SEJM5B
		(Any One)		
	6	Skilled Based	Personality Development	SCSB5A
		Common – I	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	7	Mini Project	Mini Project	SMJM5P
VI	1	Core	Specialized Reporting	SMJM61
	2	Core	Development Journalism	SMJM62
	3	Core	Media Management	SMJM63
	4	Core	Sports Journalism	SMJM64
	5	Major Elective	Science Journalism	SEJM6A
		- III	Technical Communication	SEJM6B
		(Any One)		
	6	Major Project	Project	SMJM6P

B.A. SOCIOLOGY (2017-2018)

Sem	Sl.	Subject Status	Subject Title	Sub Code
Sem	No.	Subject Status		Suo coue
	1,0,			
	1	Core	Indian Social Institution	SMSO51
	2	Core	Rural Sociology	SMSO52
		Core	Kurar Sociology	SWISO32
	3	Core	Sociology of Health	SMSO53
V	4	Major Elective - I	Social Problems in India	SESO5A
	5	Major Elective - II	Industrial sociology	SESO5B
	6	Mini Project	Social Issues field work project	SMSO5P
	7	Skill based common	Personality Development	SCSB5A
		subject	Effective Communication	SCSB5B
		(Any One)	37 d 7 d 1	acapia
			Youth Leadership	SCSB5C
	1	Core	Urban Sociology	SMSO61
	2	Core	Social Reform Movements in India	SMSO62
	3	Core	Sociology of Social Work	SMSO63
	4	Core	Sociology of Aging	SMSO64
VI	5	Major Elective - III	Sociology of Marginalized group	SESO6A
	6	Project	Project	SMSO6P

BACHELOR OF BUSINESS ADMINISTRATION (With effect from the Academic Year 2017-2018 onwards)

Sem	Sl.No.	Subject Status	Subject	Subject Code
V	1	Core	Case Analysis	SMBA51
	2	Core	Marketing Management	SMBA52
	3	Core	Management Accounting	SMBA53
	4	Core	Research Methodology	SMBA54
	5	Major	Production Management	SEBA5A
		Elective-I (CHOOSE ANY ONE)	Consumer Behaviour	SEBA5B
	6	Skill Based Subject (Common)	Personality Development	SCSB5A
			Effective Communication	SCSB5B
		(Any One)	Youth Leadership	SCSB5C
	7	Project	Mini Project	SMBA5P

Sem	Sl.No.	Subject Status	Subject Title	Subject Code
VI	1	Core	Retail Management	SMBA61
	2	Core	Financial Management	SMBA62
	3	Core	Human Resource Management	SMBA63
	4	Major Elective-II (CHOOSE ANY	Entrepreneurship	SEBA6A
		ONE)	International Business	SEBA6B
	5	Project	Major Project	SMBA6P

B.A Public Administration (2017-18)

Sem	Sl.No	Subject Status	Subject	Subject Code
V	1	Core Legislative Procedures in India		SMPU51
	2	Core	Labour Welfare Administration in India	SMPU52
	3	Core	Public Policy Analysis	SMPU53
	4 Core Police Administration 5 Major Elective 1 Comparative Public Administration (Any One) Media Management 6 Skill Based Personality Development		SMPU54	
			SEPU5A	
			SEPU5B	
			SCSB5A	
		Common (Any one)	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	7	Project	Mini Project I	SMPU5P

Sem	Sl.No.	Subject Status	Subject	Subject Code
VI	1	Core	Research Methodology in Social Sciences	SMPU61
	2	Core	Civil Services in India	SMPU62
	3	Core	Tamilnadu Administration	SMPU63
	4	Core	Disaster Management	SMPU64
	5	Major Elective II (Any One)	Consumer Rights and Protection in India	SEPU6A
			Administrative Law	SEPU6B
	6	Project	Major Project I	SMPU6P

மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம் MANONMANIAM SUNDARANAR UNIVERSITY TIRUNELVELI – 627 012

[With effect from the Academic year 2017 - 2018 onwards]

B.Com

Sl.No	Sub.Status	Sub.Code	Sub.Titile	
		SEMESTER – V		
31	Core- 13	SMCO51	Corporate Accounting -I	
32	Core -14	SMCO52	Cost Accounting	
33	Core- 15	SMCO53	Business Law	
34	Core – 16	SMCO54	Research Methodology	
35	Major Elective –	SECO5A	1. Income Tax Law & Practice –I	
	I	SECOP1	2. Application of Tally in	
			Accounting	
		SECO5C	3. Logistic Management	
36	Skill Based – III	SCSB5A	1.Personality Development	
	Common	SCSB5B	2. Effective Communication	
		SCSB5C	3. Youth Leadership	
37		SPCO51	Mini Project	
SEME	STER – VI			
38	Core – 17	SMCO61	Corporate Accounting –II	
39	Core – 18	SMCO62	Management Accounting	
40	Core -19	SMCO63	Industrial Law	
41	Core – 20	SMCO64	Auditing	
42	Major Elective -	SECO6A	1. Income Tax Law & Practice-II	
	II	SECO6B	2.Retail Management	
		SECO6C	3. Values & Ethics for Business	
43		SPCO61	Major Project	

B.Com CorporateSecretaryship

Sl.No	Sub.Status	Sub.Code	Sub.Titile
		SEMESTER – V	7
31	Core- 13	SMCO51	Corporate Accounting -I
32	Core -14	SMCO52	Cost Accounting
33	Core- 15	SMCO53	Business Law
34	Core – 16	SMCO54	Research Methodology
35	Major Elective –	SECO5A	1. Income Tax Law & Practice –I
	I	SECOP1	2. Application of Tally in
			Accounting
		SECO5C	3. Logistic Management
36	Skill Based – III	SCSB5A	1.Personality Development
	Common	SCSB5B	2. Effective Communication
		SCSB5C	3.Youth Leadership
37		SPCR51	Mini Project
SEME	STER – VI		
38	Core – 17	SMCO61	Corporate Accounting –II
39	Core – 18	SMCO62	Management Accounting
40	Core -19	SMCO63	Industrial Law
41	Core – 20	SMCO64	Auditing
42	Major Elective -	SECO6A	1. Income Tax Law & Practice-II
	II	SECO6B	2.Retail Management
		SECO6C	3. Values & Ethics for Business
43		SPCR61	Major Project

B.Com Professional Accounting

Sl.No	Sub.Status	Sub.Code	Sub.Titile
		SEMESTER – V	,
31	Core- 13	SMCO51	Corporate Accounting -I
32	Core -14	SMCO52	Cost Accounting
33	Core- 15	SMCO53	Business Law
34	Core – 16	SMCO54	Research Methodology
35	Major Elective –	SECO5A	1. Income Tax Law & Practice –I
	I	SECOP1	2. Application of Tally in
			Accounting
		SEPA5A	3. Corporate Finance
36	Skill Based – III	SCSB5A	1.Personality Development
	Common	SCSB5B	2. Effective Communication
		SCSB5C	3.Youth Leadership
37		SPPA51	Mini Project
SEME	STER – VI		
37	Core – 17	SMCO61	Corporate Accounting –II
38	Core – 18	SMCO62	Management Accounting
39	Core -19	SMCO63	Industrial Law
40	Core – 20	SMCO64	Auditing
41	Major Elective -	SECO6A	1. Income Tax Law & Practice-II
	II	SEPA6A	2. Accounting Standards
		SEPA6B	3. Financial Management
42		SPPA61	Major Project

<u>Common Cource Structure for B.Sc., GEOLOGY – 2017-2018</u> (For those who joined the course from the academic year 2017-2018 onwards)

Sem	SI. No	Subject Status	Subject Title	Sub Code
V	1	Core	Igneous Petrology	SMGE51
	2	Core	Sedimentary and Metamorphic Petrology	SMGE52
	3	Core	Marine Geology	SMGE53
	Elective Geostatistics and Computer Application in Geology		SEGE5A	
	4		Environmental Geology	SEGE5B
	5	Major Practical	Igneous Petrology	SMGEP5
	6	Major Practical	Sedimentary and Metamorphic Petrology	SMGEP6
	7	Major Practical	Marine Geology and Geostatistics and computer application in Geology	SMGEP7
		Skill based	Personality Development	SCSB5A
	8	Common	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
VI	1	Core	Economic Geology	SMGE61
	2	Core	Applied Geology – I (Geophysics, Geochemistry, Engineering Geology, Mining Geology and Ore dressing)	SMGE62
	3	Core	Hydrogeology	SMGE63
		Elective	Geology of Tamil Nadu	SEGE6A
	4		Applied Geology – II (Natural Hazards, Remote Sensing and GIS)	SEGE6B
	5	Major Practical	Economic Geology and Hydrogeology	SMGEP8
	6 Majo Prac		Applied Geology – I and Geology of Tamilnadu	SMGEP9
	7	Major Practical	Geological Mapping, Geological Tour and Viva Voce	SMGEPA

UG COURSES – AFFILIATED COLLEGES

B.SC. INFORMATION TECHNOLOGY

(Choice Based Credit System)

Sem	Sl. No.	Subject Status	Subject Title	Sub Code
V	V 1 Major Relational Datab		Relational Database Management System	SMIT51
	2	Major	Software Engineering	SMIT52
	3	Major	Wireless Application Protocol	SMIT53
	4	Elective	Management Information Systems	SEIT5A
			E-Commerce	SEIT5B
			Enterprise Resource Planning	SEIT5C
	5	Major practical	Relational Database	SMITP5
			Management System Lab	
	6	Mini Project	Mini Project	SMIT5P
		Skill Based	Personality Development	SCSB5A
	7	Common	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
VI	1	Core	Data Communications and Networking	SMIT61
	2	Core	Multimedia Technology	SMIT62
	3	Core	•NET Programming	SMIT63
	4	Elective	Web Programming	SEIT6A
			Systems Programming	SEIT6B
			Internet Security	SEIT6C
	5	Major practical	•NET Programming Lab	SMITP6
	6	Major Project	Project	SMIT6P

UG COURSES – AFFILIATED COLLEGES

B.SC. ELECTRONICS

(Choice Based Credit System)

Sem	Sl.	Subject Status	Subject Title	Sub Code
	No.			
V	1	Core	Microprocessors and Microcontrollers	SMEL51
	2	Core	Medical Electronics	SMEL52
	3	Core	Mathematics for Electronics	SMEL53
	4	Core	Computer Hardware and Maintenance	SMEL54
		Elective	Television Engineering	SEEL5A
	5		Mobile Communication	SEEL5B
	6	Major practical	Microprocessor and Microcontroller Lab	SMELP7
	7	Mini Project	Mini Project	SMEL5P
	8	Skill Based	Personality Development	SCSB5A
		Common	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
VI	1	Core	Power Electronics	SMEL61
V 1	2	Core	Semiconductor Fabrication Technology	SMEL62
	3	Core	Robotics and Automation	SMEL63
	4	Core	Communication System	SMEL64
	5	Elective	PCB Design	SEEL6A
		Licetive	Embedded System and RTOS	SEEL6B
	6	Major practical	Power Electronics and System Design Lab	SMELP8
	7	Major Project	Project	SMEL6P

UG COURSES – AFFILIATED COLLEGES

B.SC. ELECTRONICS AND COMMUNICATION

(Choice Based Credit System)

Sem	Sl.	Subject Status	Subject Title	Sub Code
	No.			
V	1	Core	Microprocessor and Microcontroller	SMES51
	2	Core Communication System		SMES52
	3	Core	Mathematics for Electronics	SMES53
	4	Core	Computer Hardware Servicing and	SMES54
			Networking	
		Elective	Very Large Scale Integration	SEES5A
	5		Digital Communication	SEES5B
	6	Major practical	Microprocessor and Microcontroller Lab	SMESP7
	7	Mini Project	Mini Project	SMES5P
	8	Skill Based	Personality Development	SCSB5A
		Common	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
VI	1	Core	Antennas	SMES61
V 1	2	Core	Optical Fiber Communication	SMES62
	3	Core	Advanced Communications	SMES63
	4	Core	Mobile Communication	SMES64
	5	Elective	Printed Circuit Boards	SEES6A
			Embedded System	SEES6B
	6	Major practical	Communication and System Design Lab	SMESP8
	7	Major Project	Project	SMES6P

UG COURSES – AFFILIATED COLLEGES

B.Sc. Mathematics

(Choice Based Credit System)

Sem	Sl. No	Subject Status	Subject title	Subject Code
V			Abstract Algebra II	SMMA51
	2	Core	Real Analysis II	SMMA52
	3	Core	Statics	SMMA53
	4	Core	Transforms and their Applications	SMMA54
		Major Elective –I	Astronomy -I	SEMA5A
	5	(Any One)	Discrete Mathematics	SEMA5B
			Combinatorial Mathematics	SEMA5C
		Major Elective-II	Operations Research - I	SEMA5D
	6	(Any one)	Stochastic Process	SEMA5E
			MS office	SEMA5F
	7	Skilled Based	Personality Development	SCSB5A
		Common	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
VI	1	Core	Complex Analysis	SMMA61
	2	Core	Number Theory	SMMA62
	3	Core	Graph Theory	SMMA63
	4	Core	Dynamics	SMMA64
	5	Core	Numerical Methods	SMMA65
	6	Major Elective- III	Astronomy II	SEMA6A
		Any one	Fuzzy Mathematics	SEMA6B
			Mathematical Modeling	SEMA6C
	7	Major Elective- IV	Operations Research II	SEMA6D
		(Any one)	Coding Theory	SEMA6E
			Programming in C	SEMA6F

UG COURSES – AFFILIATED COLLEGES B.Sc. Computer Science and Information Technology

(Choice Based Credit System)

Sem	Sl. No	Subject Status	Subject title	Subject Code
V	1	Core	Relational Database Management System	SMCT51
	2	Core	Software Engineering	SMCT52
	3	Core	Data Mining and Data Warehousing	SMCT53
		Major Elective –I	E-Commerce	SECT5A
	4	(Any One)	Artificial Intelligence	SECT5B
			Internet Security	SECT5C
	5	Practical	Relational Database Management System Lab	SMCTP5
	6	Project	Mini Project	SMCT5P
	7	Skilled Based	Personality Development	SCSB5A
		Common	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
VI	1	Core	Data Communications and Networking	SMCT61
	2	Core	Multimedia Technology	SMCT62
	3	Core	.Net Programming	SMCT63
	4	Practical	.Net Programming Lab	SMCTP6
	6	Major Elective- III	Web Programming	SECT6A
		Any one	Systems Programming	SECT6B
			Parallel Computing	SECT6C
	7	Project	Project	SMCT6P

UG COURSES – AFFILIATED COLLEGES

B.SC. MICROBIOLOGY

(Choice Based Credit System)

Sem.	Sl. No.	Subject Status	Subject Title	Subject Code
٧	1	Core	Environmental and Agricultural Microbiology	SMMI51
	2	Core	Industrial Microbiology	SMMI52
	3	Elective	Bioinformatics	SEMI5A
	4	Elective	Dairy Microbiology	SEMI5B
	5	Major Practical	Environmental and Agricultural Microbiology	SMMIP5
	6	Major practical	Industrial microbiology	SMMIP6
	7	Major Practical	Dairy Microbiology	SMMIP7
	8	Skill based common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leader ship	SCSB5C
VI	1	Core	Food Microbiology	SMMI61
	2	Core	Clinical Microbiology	SMMI62
	3	Core	Microbial Biotechnology	SMMI63
	4	Major practical	Food Microbiology	SMMIP8
	5	Major Practical	Clinical Microbiology	SMMIP9
	6	Major practical	Microbial Biotechnology	SMMIPA
	7	Project	Project	SMMI6P

B.SC. BOTANY

(Choice Based Credit System)

Sem.	Sl. No.	Subject Status	Subject Title	Subject Code
٧	1	Core	Morphology & Taxonomy of Angiosperms	SMBO51
	2	Core	Biochemistry & Biophysics	SMBO52
	3	Elective I	Biotechnology and Genetic Engineering	SEBO5A
			Environmental Biotechnology	SEBO5B
	4	Elective II	Horticulture and Plant Breeding	SEBO5C
			Forestry	SEBO5D
	5	Major Practical	Morphology & Taxonomy of Angiosperms &	SMBOP5
			Elective II	
	6	Major practical	Biochemistry, Biophysics and Elective I	SMBOP6
	7	Skill based common	Personality development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leader ship	SCSB5C
VI	1	Core	Plant Physiology	SMBO61
	2	Core	Genetics, Evolution and Biostatistics	SMBO62
	3	Elective III	Plant Ecology & Phytogeography	SEBO6A
			Marine Biotechnology	SEBO6B
	4	Major Practical	Plant Physiology & Elective III	SMBOP7
	5	Major Practical	Genetics, Evolution and Biostatistics	SMBOP8
	6	Project	Project	SMBO6P

UG COURSES – AFFILIATED COLLEGES

B.SC. PHYSICAL EDUCATION

(Choice Based Credit System)

Sem	Sl.	Subject Status	Subject Title	Sub Code
	No.			
V	1	Core	Exercise Physiology	SMPE51
	2	Core	Test, Measurement and Evaluation	SMPE52
	3	Core	Theories of Track and Field	SMPE53
		Elective I	Sports Nutrition	SEPE5A
	4		Sports Journalism	SEPE5B
	5	Major practical	Track Events	SMPEP5
	6	Major Practical	Human Performance Analysis	SMPEP6
	7	Skill Based	Personality Development	SCSB5A
		Common	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
VI	1	Core	Principles of Sports Training	SMPE61
	2	Core	Theories of Games (Basket Ball, Foot ball Hockey Cricket and Volley ball)	SMPE62
	3	Elective II	Sports Physiotherapy	SEPE6A
			Sports Technology	SEPE6B
	4	Major practical	Field events	SMPEP7
	5	Major Practical	Games of Specialization (Cricket, Basket ball, volley ball, hockey and football)	SMPEP8
	6	Major Project	Project	SMPE6P

UG COURSES – AFFILIATED COLLEGES

B.Sc.STATISTICS

(Choice Based Credit System)

Sem.	Sub No.	Subject Status	Subject Title	Sub Code
	1	Core	Statistical Inference – I	SMSS51
	2	Core	Statistical Quality Control	SMSS52
	3		Econometrics	SESS5A
		Major Elective-I	Stochastic Processes	SESS5B
	4	Major Floativa II	Actuarial Statistics	SESS5C
V		Major Elective-II	Bio Statistics	SESS5D
V	5	Major Practical	Statistical Inference - I	SMSSP5
	6	Major Practical	Statistical Quality Control	SMSSP6
	7	Major Practical	Statistics Practical - VII	SMSSP7
	8		Personality Development	SCSB5A
		Skill Based Common	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1	Core	Statistical Inference – II	SMSS61
	2	Core	Design of Experiments	SMSS62
	3	Core	Operations Research	SMSS63
VI	4	Elective III	Discrete Mathematics	SESS6A
		Elective III	RDBMS with ORACLE	SESS6B
	5	Major Practical	Statistical Inference – II	SMSSP8
	6	Major Practical	Design of Experiments	SMSSP9
	7	Major Practical	Operations Research	SMSSPA

UG COURSES – AFFILIATED COLLEGES

B.SC. VISUAL COMMUNICATION

(Choice Based Credit System)

(with effect from the academic year 2017-2018 onwards)

Scheme of Examinations

Sem.	Sub No.	Subject Status	Subject Title	Sub Code
	110			
V	1	Core	Film Studies	SMVC51
	2	Core	Constitution & Media Laws	SMVC52
	3	Elective	Web Journalism	SEVC5A
			Media Culture & Society	SEVC5B
	4	Practical	Audio Editing	SMVCP5
	5	Practical	Video Editing	SMVCP6
	6	Practical	Film Appreciation	SMVCP7
	7	Skilled Based	Personality Development	SCSB5A
		Common	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
VI	1	Core	Basics of Media Research	SMVC61
	2	Core	Communication Theories	SMVC62
	3	Core	Media Management	SMVC63
	4	Practical	Multimedia	SMVCP8
	5	Practical	Television Commercial	SMVCP9
			Production	
	6	Practical	Documentary Production	SMVCPA
	7	Project	Project	SMVC6P

UG COURSES – AFFILIATED COLLEGES

B.Sc. Zoology

(Choice Based Credit System)

Sem	S.No	Subject Status	Subject title	Sub Code
	1		A : 1DL : 1	CM7051
	1	Core	Animal Physiology	SMZO51
	2	Core	Animal Biotechnology	SMZO52
	3	Elective	Sericulture	SEZO5A
		(Any one)	Economic Entomology	SEZO5B
			Dairy farming	SEZO5C
V	4	Elective	Apiculture	SEZO5D
		(Any one)	Food and Food Processing Technology	SEZO5E
			Poultry Science	SEZO5F
	5	Major Practical	Animal physiology	SMZOP5
	6	Major Practical	Animal Biotechnology	SMZOP6
	7	Major Practical	Corresponding Electives	SMZOP7
	8	Skill based common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1	Core	Evolution	SMZO61
	2	Core	Immunology and Microbiology	SMZO62
	3	Core	Biostatistics, Computer Applications & Bioinformatics	SMZO63
	4	Major Practical	Evolution	SMZOP8
X 7T	5	Major Practical	Immunology and Microbiology	SMZOP9
VI	6	Major Practical	Biostatistics, Computer applications & Bioinformatics	SMZOPA
	7	Project Group	Project	SMZO6P

UG COURSES – AFFILIATED COLLEGES

B.Sc. FASHION TECHNOLOGY

(Choice Based Credit System)

Sem	S.No	Subject Status	Subject title	Sub Code
•	•			
	1	Core	Clothing Care	SMFT51
	2	Core	Fashion and Clothing Psychology	SMFT52
	3	Core	Textile Testing and Quality Control	SMFT53
	4	Elective	Technical Textile	SEFT5A
	5	Major Practical V	Construction of Men's wear	SMFTP5
V	6	Mini Project	Mini Project	SMFT5P
	7	Skill based common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1	Core	Home Textile	SMFT61
	2	Core	Quality Control in Apparel Production	SMFT62
	3	Core	Fashion Marketing	SMFT63
	4	Core	Textile Finishing	SMFT64
* **	5	Major Practical VI	Art Portfolio	SMFTP6
VI	6	Major Elective	Draping Technology	SEFT6A
	7	Project	Project	SMFT6P

UG COURSES – AFFILIATED COLLEGES

B.Sc. FASHION DESIGN AND APPAREL MAKING

(Choice Based Credit System)

Sem	S.No	Subject Status	Subject title	Sub Code
•	•			
	1	Core	Apparel Costing	SMFD51
	2	Core	Home Textile	SMFD52
	3	Core	Care and maintenance of Textiles	SMFD53
	4	Elective	Technical Textiles	SEFD5A
	5	Major Practical V	Designing and Constructing Men's Wear	SMFDP5
V	6	Mini Project	Mini Project	SMFD5P
	7	Skill based common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1	Core	Textile Testing and Quality Control	SMFD61
	2	Core	Apparel Export trade Documentation	SMFD62
	3	Core	Clothing care and Wardrobe planning	SMFD63
	4	Core	Apparel Production and Quality Management	SMFD64
T /T	5	Major Practical VI	Textile testing and Quality Control	SMFDP6
VI	6	Major Elective	Fashion Portfolio	SEFD6A
	7	Project	Project	SMFD6P

UG COURSES – AFFILIATED COLLEGES

B.Sc. PHYSICS

(Choice Based Credit System)

Sem	S.No	Subject Status	Subject title	Sub Code
•	•			
	1	Core	Basic Electronics	SMPH51
	2	Core	Computer Programming in C++	SMPH52
	3	Core	Atomic Physics	SMPH53
	4	Elective I	Mathematical Physics	SEPH5A
		(Any one)	Spectroscopy	SEPH5B
V	5	Elective II	Communication Electronics	SEPH5C
			Numerical Methods	SEPH5D
	6	Major Practical	Non Electronics	SMPHP5
	7	Practical	Electronics	SMPHP6
	8	Skill based common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1	Core	Digital Electronics	SMPH61
	2	Core	Quantum Mechanics	SMPH62
	3	Core	Nuclear Physics	SMPH63
	4	Core	Solid State Physics	SMPH64
	5	Practical	Practical VII	SMPHP7
VI	6	Practical	Computer programming with C++	SMPHP8
	7	Major Elective III	Medical Physics	SEPH6A
		(Any one)	Energy Physics	SEPH6B

UG COURSES – AFFILIATED COLLEGES

B.Sc. NUTRITION AND DIETETICS

(Choice Based Credit System)

Sem	S.No	Subject Status	Subject title	Sub Code
•	•			
	1	Core	Dietetics – I	SMND51
	2	Core	Bakery and Confectionery I	SMND52
	3	Elective I	Family Resource Management I	SEND5A
	4	Elective II	Functional Foods and Nutraceuticals	SEND5B
			Fundamentals of Textiles and Clothing	SEND5C
V	5	Major Practical	Dietetics	SMNDP5
	6	Major Practical	Bakery and Confectionery	SMNDP6
	7	Skill based common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1	Core	Dietetics – II	SMND61
	2	Core	Bakery and Confectionery II	SMND62
	3	Core	Clinical Biochemistry	SMND63
	4	Elective	Food Packaging	SEND6A
			Food Quality Control	SEND6B
VI	5	Major Practical	Clinical Biochemistry	SMNDP7
	6	Project	Project	SMND6P

UG COURSES – AFFILIATED COLLEGES

B.Sc. BIOCHEMISTRY

(Choice Based Credit System)

Sem	S.No	Subject Status	Subject title	Sub Code
•	•			
	1	Core	Plant Biochemistry	SMBC51
	2	Core	Clinical Biochemistry	SMBC52
	3	Elective I	Biostatistics	SEBC5A
			Bioinformatics	SEBC5B
			Diagnostic Biochemistry	SEBC5C
V	4	Elective II	Environmental Biochemistry	SEBC5D
			Nutritional Biochemistry	SEBC5E
			Microbial Biochemistry	SEBC5F
	5	Major Practical	Clinical Enzymology	SMBCP5
	6	Major Practical	Clinical Biochemistry - I	SMBCP6
		Major Practical	Haematology	SMBCP7
	7	Skill based common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1	Core	Molecular Biology	SMBC61
	2	Core	Endocrine Biochemistry	SMBC62
	3	Core	Immunochemistry	SMBC63
	4	Elective	Biotechnology	SEBC6A
			Genomic and Proteomics	SEBC6B
VI			Drug Biochemistry	SEBC6C
	5	Major Practical	Clinical Biochemistry - II	SMBCP8
		Major Practical	Immunology and Molecular Biology Techniques	SMBCP9
		Major Practical	Microbial Techniques	SMBCPA
	6	Project	Project	SMBC6P

B.Sc. HOTEL MANAGEMENT AND CATERING SCIENCE

(Choice Based Credit System)

Sem	S.No	Subject Status	Subject title	Sub Code
	1	Core	Food Production and Patisserie V	SMHM51
	2	Core	Human Resource Management in Hospital Industry	SMHM52
	3	Core	Hotel Accounting	SMHM53
	4	Elective I	Bar Management	SEHM5A
			Principles of Interior Decoration	SEHM5B
V	5	Major Practical	Food Production and Patisserie V	SMHMP5
	6	Major Practical	Accommodation operations	SMHMP6
	7	Mini Project	Mini Project	SMHM5P
	8	Skill based common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1	Core	Food and Beverage Management	SMHM61
VI	2	Project	Internship Training and Viva-Voce Project	SMHM6P

UG COURSES – AFFILIATED COLLEGES

B.SC. BIOTECHNOLOGY

(Choice Based Credit System)

Sem	Sl.	Subject Status	Subject Title	Sub Code
	No.			
V	1	Core	Genetic Engineering	SMBT51
	2	Core	Plant Biotechnology	SMBT52
	3	Elective	Basic Bioinformatics	SEBT5A
		(Anyone)	Nano Biotechnology	SEBT5B
			Genomics	SEBT5C
	4	Major practical	Genetic engineering	SMBTP5
	5	Major practical	Plant biotechnology	SMBTP6
	6	Major Practical	Bioinformatics	SMBTP7
	7	Skill Based Common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	8	Project	Mini Project	SMBT5P
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VI	1	Core	Animal Biotechnology	SMBT61
	2	Core	Stem Cell Technology	SMBT62
	3	Core	Bioprocess Technology	SMBT63
	4	Elective	Clinical Research	SEBT6A
		(Any one)	Biosafety and Bioethics	SEBT6B
			Developmental Biology	SEBT6C
	5	Major practical	1	SMBTP8
			Animal Biotechnology	
	6	Major practical	Stem Cell Technology	SMBTP9
	7	Major practical	Bioprocess Technology	SMBTPA
	8	Project	Project Project	SMBT6P
	U	Troject	Troject	SMIDIOI

UG COURSES – AFFILIATED COLLEGES

B.Sc. Chemistry

(Choice Based Credit System)

Sem	Sl.No.	Subject Status	Subject Title	Sub Code
V	1	Core	Organic Chemistry - III	SMCH51
	2	Core	Physical Chemistry - III	SMCH52
	3	Major Elective-I	Polymer Chemistry	SECH5A
			Bioinorganic Chemistry	SECH5B
	4	Major Elective - II	Analytical Chemistry	SECH5C
			Pharmaceutical Chemistry	SECH5D
	5	Major Practical V	Organic Analysis	SMCHP5
	6	Major Practical VI	Physical Chemistry Experiments	SMCHP6
	7	Skill Based Common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1	Core	Inorganic Chemistry - III	SMCH61
VI	2	Core	Organic Chemistry - IV	SMCH62
	3	Core	Physical Chemistry - IV	SMCH63
	4	Major Elective III	Green Chemistry	SECH6A
			Nano Chemistry	SECH6B
	5	Major Practical	Gravimetric Estimation & Organic Preparation	SMCHP7
	6	Major Project	Project	SMCH6P

UG COURSES – AFFILIATED COLLEGES

B.Sc Computer Science

(Choice Based Credit System)

Sem	Sl.	Subject Status	Subject Title	Sub Code
	No.			
	1.	Core	Software Engineering and Testing	SMCS51
	2.	Core	Data communication and Computer Network	SMCS52
	3.	Core	Dot NET Technologies	SMCS53
	4.	Major Practical	Dot NET	SMCSP5
	5.	Major Practical	Data Structure	SMCSP6
\mathbf{v}	6.	Mini Project	Mini Project	SMCS5P
•	7.	Major Elective - II	Mobile Computing	SECS5A
			Multimedia Applications	SECS5B
			Cloud Computing	SECS5C
	8.	Skill Based	Personality Development	SCSB5A
		Common	Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1.	Core	Operating Systems	SMCS61
	2.	Core	Computer Graphics and Visualization	SMCS62
	3.	Core	Data Warehousing and Data Mining	SMCS63
	4.	Major Practical	Computer Graphics and Multimedia Lab	SMCSP7
VI	5.	Major Practical	Oracle Lab	SMCSP8
	6.	Major Practical	Android Programming	SMCSP9
	7.	Major Elective - III	Internet of Things	SECS6A
			Big Data Analytics	SECS6B
			Neural Networks	SECS6C

UG COURSES – AFFILIATED COLLEGES

B.Sc Software Engineering

(Choice Based Credit System)

Sem	S.No.	Subject Status	Subject Title	Subject Code
	1	Core	Software Quality Assurance	SMSE51
	2	Core	Data communication and Computer Network	SMSE52
	3	Core	Dot NET Technologies	SMSE53
	4	Major Practical	Dot NET	SMSEP5
	5	Major Practical	Data Structure	SMSEP6
\mathbf{V}	6	Mini Project	Mini Project	SMSE5P
	7	Major Elective - II	Mobile Computing	SESE5A
			Multimedia Applications	SESE5B
			Cloud Computing	SESE5C
	8	Skill Based Common	Personality Development	SCSB5A
			Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
VI	1	Core	Operating Systems	SMSE61
	2	Core	Computer Graphics and Visualization	SMSE62
	3	Core	Software Project Management	SMSE63
	4	Major Practical	Computer Graphics and Multimedia Lab	SMSEP7
	5	Major Practical	Oracle Lab	SMSEP8
	6	Major Practical	Android Programming Lab	SMSEP9
	7	Major Elective - III	Internet of Things	SESE6A
			Big Data Analytics	SESE6B
			Information Security	SESE6C

UG COURSES – AFFILIATED COLLEGES

B.C.A.

(Choice Based Credit System)

Sem.	Sub No.	Subject Status	Subject Title	Sub Code
	1	Core	Software Engineering	SMCA51
	2	Core	Web Technology	SMCA52
	3	Core	RDBMS	SMCA53
	4	Major Practical	RDBMS Lab	SMCAP5
		Major Elective - II	Artificial Intelligence	SECA5A
37	5		Design & Analysis of Algorithms	SECA5B
V			Cyber Security	SMCA51 SMCA52 SMCA53 SMCAP5 SECA5A SECA5B SECA5C SECA5D SMCA5P SCSB5A SCSB5B SCSB5C SMCA61 SMCA62 SMCA63 SMCAP6 SECA6A
			Multimedia	SECA5D
	6	Project	Mini Project	SMCA5P
	7	Common	Personality Management	SCSB5A
		7		Effective Communication
			Youth Leadership	SCSB5C
	1	Core	Operating Systems	SMCA61
	2	Core	Computer Networks	SMCA62
	3	Core	Computer Graphics	SMCA63
	4	Major Practical	Graphics Lab	SMCAP6
VI		Major Elective - II	Web Services	SECA6A
	5		Software Project Management	SECA6B
	3		Mobile Communication	SECA6C
			System Programming	SECA6D
	6	Project	Major Project	SMCA6P

UG COURSES – AFFILIATED COLLEGES

B.Sc. Food Science & Nutrition

(Choice Based Credit System)

Sem.	Sub No.	Subject Status	Subject Title	Sub Code	
	1	Core	Nutrition through Lifecycle	SMFN51	
	2	Core	Food Chemistry	SMFN52	
	3	Major Practical	Nutrition through Life Cycle	SMFNP5	
	4	Major Practical	Food Chemistry	SMFNP6	
	5	Major Elective - I	Food Service Management	SEFN5A	
	3		Hygiene and Sanitation	SEFN5B	
V	6	Major Elective II	Food Microbiology	SEFN5C	
			Principles of Interior Decoration	SEFN5D	
		Common	Personality Development	SCSB5A	
	7		Effective Communication	SCSB5B	
			Youth Leadership	SCSB5C	
	1	Core	Dietetics	SMFN61	
	2	Core	Clinical Biochemistry	SMFN62	
	3	Core	Fundamentals of Baking	SMFN63	
	4	Major Practical	Dietetics	SMFNP7	
VI	5	Major Elective – III	Fundamentals of Textiles & Clothing	SEFN6A	
			Concepts in Family Relation	SEFN6B	
	6	Project	Project	SMFN6P	

UG COURSES – AFFILIATED COLLEGES

B.Sc Costume Design and Fashion Design

(Choice Based Credit System)

Sem.	Sub No.	Subject Status	Subject Title	Sub Code
	1	Core	Apparel Production Management	SMCF51
	2	Core	Garment Costing	SMCF52
	3	Core	Textile Testing and Quality Control	SMCF53
	4	Major Practical	Construction of men's wear	SMCFP5
V	5	Major Elective - I	Technology of Textile Finishing	SECF5A
v	6	Mini Project	Mini Project	SMCF5P
		Common	Personality Management	SCSB5A
	7		Effective Communication	SCSB5B
			Youth Leadership	SCSB5C
	1	Core	Clothing Care	SMCF61
	2	Core	Technical Textile	SMCF62
	3	Core	Quality Control in Apparel Production	SMCF63
VI	4	Core	Entrepreneurial Development	SMCF64
	5	Major Practical	Textile Testing and Care	SMCFP6
	6	Major Elective - II	Home Textile	SECF6A
	6	Major Project	Project	SMCF6P

UG COURSES – AFFILIATED COLLEGES

B.Sc Software Engineering

(Choice Based Credit System)

Sem	S.No.	Subject Status	Subject Title	Subject Code
	1	Core	Java Programming	SMSE31
	2	Core	Software Engineering	SMSE32
	3	Core	Data Structures	SMSE33
	4	Major Practical	Java Programming	SMSEP3
III	5	Allied III	Web Technology	SASE31
111	6	Allied Practical	Web Design using HTML	SASEP3
	7	Skill Based Core	Programming with PHP & MySQL	SSSE3A
	8	Non Major Elective	Fundamentals of Internet	SNSE3A
			Basic Programming Design	SNSE3B
	9	Common	Yoga	SYOG3A
IV	1	Core	Visual Basic	SMSE41
	2	Core	Software Testing	SMSE42
	3	Core	Relational Database Management System	SMSE43
	4	Major Practical	Visual Basic Lab	SMSEP4
	5	Allied IV	E_Commerce	SASE41
	6	Allied Practical	Python	SASEP4
		Skill Based Core	Android Programming	SSSE4A
	7	Non Major Elective	HTML	SNSE4A
			Programming in C	SNSE4B
	8	Skill Based Common	Computers for Digital Era	SCDE4A
	9	Extension Activity	NCC, NSS, YRC, YWF	S5EA41